

REMARKS

Prior to entry of the present Amendment, claims 1-63, 85-133 and 155-160 were pending in the present application. Claims 6-10, 31, 58, 64-84, 88, 93-97, 117, 128, 134-154, 158 and 160 are cancelled above, without prejudice to their being filed in continuation or divisional applications. Claims 1, 29, 56, 59, 61, 85, 89, 111, 112, 115, 126, 129, 131, 155 and 159 are amended above. New claims 161-183 are added above. No new matter is added by the new claims and claim amendments. Entry is respectfully requested.

The applicant notes, with appreciation, that the Office Action indicates at page 31, section 100, that claims 10, 17, 24, 27, 28, 31, 42, 51, 54, 55, 58-61, 88, 97, 104, 113, 114, 117, 128-131, 158 and 160 would be allowable if rewritten in independent form. Accordingly, claim 1 is amended to incorporate the limitations of allowed claim 10. New claim 161 is added to incorporate the limitations of allowed claim 24 and new claims 162-166 are added to depend from claim 161 and include the limitations of original claims 3-5, 21 and 22, respectively. New claim 167 is added to incorporate the limitations of allowed claim 27 and new claims 168-174 are added to depend from claim 167 and include the limitation of original claims 28, 3, 4, 5, 21, 22 and 23, respectively. Claim 29 is amended to incorporate the limitations of allowed claim 31. Claim 56 is amended to incorporate the limitations of allowed claim 58. Claim 85 is amended to incorporate the limitations of allowed claim 88. Claim 89 is amended to incorporate the limitations of allowed claim 97. New claim 180 is added to incorporate the limitations of allowed claim 104 and new claims 181-183 are added to depend from claim 180 and include the limitation of original claims 108-110, respectively. New claim 175 is added to incorporate the limitations of allowed claim 113 and new claims 176-179 are added to depend from claim 175 and include the limitations of original claims 114, 108, 109, 110, respectively. Claim 115 is amended to incorporate the limitations of allowed claim 117. Claim 126 is amended to incorporate the limitations of allowed claim 128. Claim 155 is amended to incorporate the limitations of allowed claim 158. Claim 159 is amended to incorporate the limitations of allowed claim 160. Entry and allowance of claims 1-5, 11-28; 29, 30, 32-55; 56, 57, 59-63; 85-

87, 89-92, 98-114; 115, 116, 118-125; 126, 127, 129-133; 155-157; 159; 161-165; 166-171; and 172-175 are respectfully requested.

Claims 111 and 112 are amended to correct clerical errors. No new matter is added by the claim amendments.

Claims 1, 3-7, 11-14, 20, 25, 26, 56, 57, 62, 63, 89-94, 98-101, 107, 111, 112, 126, 127, 132, 133 and 159 stand rejected under 35 U.S.C. 102(e) as being anticipated by Reitmeier, *et al.* (U.S. Publication Number 2002/0003881). Claim 2 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Reitmeier, *et al.* Claims 15, 16, 18, 19, 21-23, 29, 30, 32-39, 43-50, 52-53, 85-87, 102, 103, 105, 106, 108-110, 115, 116, 118-121, 123-125 and 155-157 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reitmeier, *et al.* in view of Jensen, *et al.* (U.S. Patent Number 5,930,828). Claims 8-9 and 95-96 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Reitmeier, *et al.* in view of Schneier, "Applied Cryptography", pages 176-177 (hereinafter Schneier). Claims 40, 41 and 122 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Reitmeier, *et al.*, Jensen, *et al.* and Schneier. Independent claim 1 is amended to incorporate the limitations of allowed claim 10. Independent claim 29 is amended to incorporate the limitations of allowed claim 31. Independent claim 56 is amended to incorporate the allowable subject matter of claim 58. Independent claim 85 is amended to incorporate the limitations of allowed claim 88. Independent claim 89 is amended to incorporate the limitations of allowed claim 97. Independent claim 115 is amended to incorporate the limitations of allowed claim 117. Independent claim 126 is amended to incorporate the limitations of allowed claim 128. Independent claim 155 is amended to incorporate the limitations of allowed claim 158. Independent claim 159 is amended to incorporate the limitations of allowed claim 160. Accordingly, reconsideration of the rejection and allowance of claims 1-5, 11-30, 32-57, 59-63, 85-87, 89-92, 98-116, 118-127, 129-133, 155-157 and 159 are respectfully requested.


Closing Remarks

It is submitted that all claims are in condition for allowance, and such allowance is respectfully requested. If prosecution of the application can be expedited by a telephone conference, the Examiner is invited to call the undersigned at the number given below.

Authorization is hereby given to charge Deposit Account No. 50-1798 for any additional fees which may be due or to credit any overpayment.

Respectfully submitted,

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